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PHOTOGRAPHIC INTELLIGENCE REPORT

VINYL RECORDS COPY

AAA CONCENTRATION

HSIAO-KOU - CHING-TUI-TZU - KUSHAN AREAS,

CHINA

25X1

Declass Review by NIMA / DoD

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GROUP 1
Excluded from automatic
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AAA CONCENTRATION

HSIAO-KOU - CHING-TUI-TZU - KUSHAN AREAS, CHINA

39 52N-123 30E

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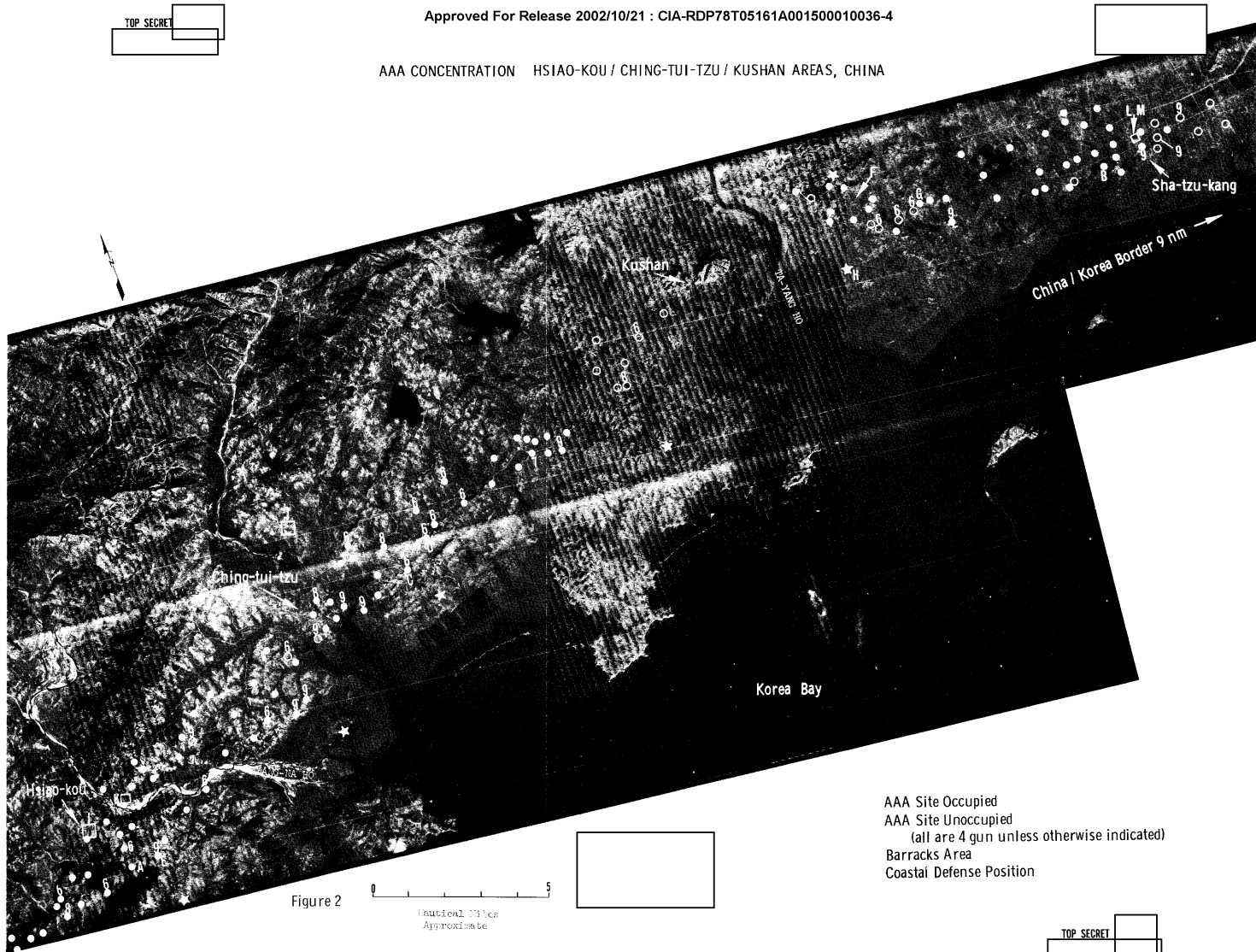
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AAA CONCENTRATION HSIAO-KOU / CHING-TUI-TZU / KUSHAN AREAS, CHINA



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PREFACE

Many of the individual AAA sites that are included within this report are listed in the DIA Bombing Encyclopedia with individual BE numbers and various town names. This report does not attempt to correlate each AAA site with a BE number. The emphasis is given to the number of AAA sites, the number of gun positions at each site, the occupancy of the sites, the locations of the sites, and the general level of activity.

Figure 2 depicts the overall distribution and location of each of the AAA sites that are located within the area of interest. The number of guns that are included within each site is indicated on Figure 2 (see legend).

Photography [] was utilized for the Figure 2 location graphic; however, the detailed analysis of the sites was made from [] photography [] Photography [] gave partial coverage of the area, and all of the sites on this partial coverage appeared to have the same occupancy status as they had on the [] photography []

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AAA CONCENTRATION

HSIAO-KOU - CHING-TUI-TZU - KUSHAN AREAS, CHINA

39 52N-123 30E

The AAA concentration that is included within this report is located along a coastal defense road from the Hsiao-kou area (39 46N-123 02E) to the Sha-tzu-kang area (39 51N-123 52E). This concentration of AAA sites is approximately 125 nm south of Shen-yang and probably functions as an initial line of defense for the Shen-yang industrial and military complex. All of the reported sites are located within 7 nm of the Chinese coastline of the Korea Bay.

Within the area depicted on Figure 2 are a total of 133 occupied and unoccupied AAA sites and 6 coastal defense gun sites. A further analysis of these AAA sites indicates that there are:

85	4-gun occupied medium AAA sites (76/85 mm)
13	4-gun unoccupied AAA sites
12	6-gun occupied medium AAA sites (76/85 mm)
5	6-gun unoccupied sites
1	probable 7-gun occupied light AAA site (37/57 mm)
3	8-gun occupied light AAA sites (37/57 mm)
2	8-gun unoccupied light AAA sites
8	9-gun occupied light AAA sites (37/57 mm)
4	9-gun unoccupied light AAA sites
133	Total
109	Occupied
24	Unoccupied

Figures 3, 4, and 5 present an example of the typical 4-gun, 6-gun, and 9-gun AAA sites that are found in the area of interest.

The chief characteristics of the 4-gun, 6-gun, and 9-gun AAA sites are:

1. The 4-gun AAA site usually contains:

- 4 medium (76/85 mm) AAA pieces--revetted in a box or trapezoidal pattern
- 4 to 6 support buildings
- At least 4 trucks (usually in vehicle revetments)
- (see Figure 3A and B)

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2. The 6-gun AAA site usually contains:

6 medium (76/85 mm) AAA pieces--revetted in a circular or staggered pattern
4 to 6 support buildings
At least 6 trucks (usually in vehicle revetments)
(see Figure 4C and D)

3. The 9-gun AAA site usually contains:

9 light (less than 76 mm) AAA pieces--revetted in a triangular or circular pattern
4 to 6 support buildings
4 to 6 trucks (usually in vehicle revetments)
(see Figure 5E)

The 8-gun site is similar to the 9-gun site.

Only one of the occupied AAA sites that is portrayed on Figure 2 appeared to have an associated probable radar facility (see Figure 6G). Radar facilities did not appear to be present at any of the other AAA sites.

Approximately 15 probable searchlight positions were observed throughout the area of interest. A typical probable searchlight position is presented in Figure 5F.

Six coastal defense sites, each with 4 gun positions, were observed within the reported area and the relative position and location of each is depicted on Figure 2. All of these sites were occupied except one. Figure 6H presents an enlarged view of one of these sites.

There are two major barracks areas that are located within this area. The larger of the two is located at Hsiao-kou (see Figure 7I). The other area is located north of Ching-tui-tzu (see Figure 8J). The Hsiao-kou barracks area contains a total of approximately 250 dispersed barracks and support buildings. The Ching-tui-tzu barracks area contains approximately 85 barracks and support buildings.

These barracks areas appear to be associated to some degree with the AAA sites; however, each AAA site appears to be capable of extended field operations. Several small probable barracks facilities are scattered throughout the area of AAA concentration. These areas are usually limited to between 4 and 10 barracks/support buildings (see Figures 8K and 9L-M).

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A change in the status of many of these AAA sites may have changed since the date of the photography that was used for the detailed analysis in this report. Photography [redacted] gave coverage of approximately 25 percent of the total area that is depicted on Figure 2. There were no major changes noted within that portion of the area that was covered on the two photographic missions [redacted]

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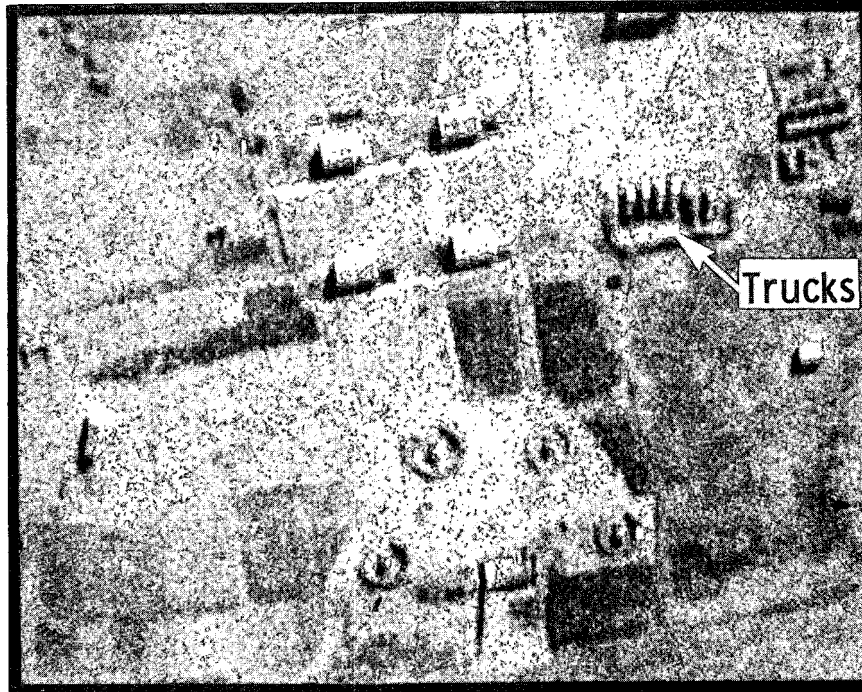
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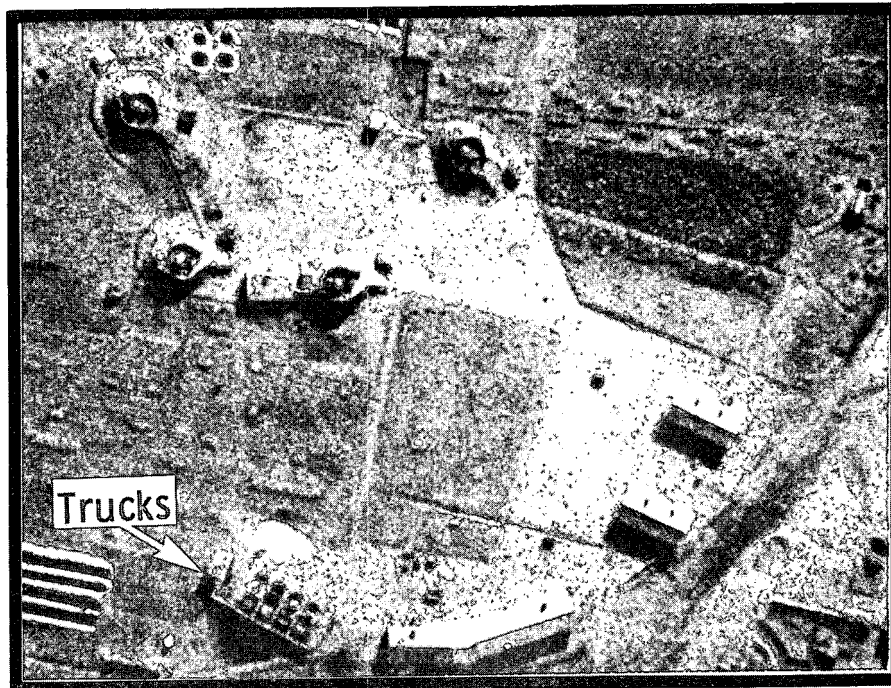
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4 GUN MEDIUM AAA



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B

Figure 3

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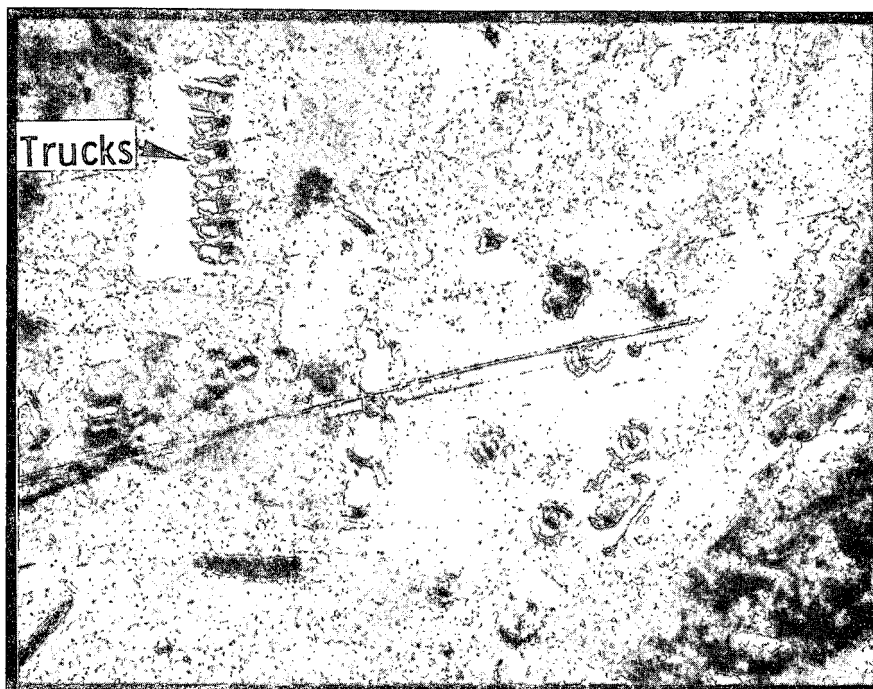
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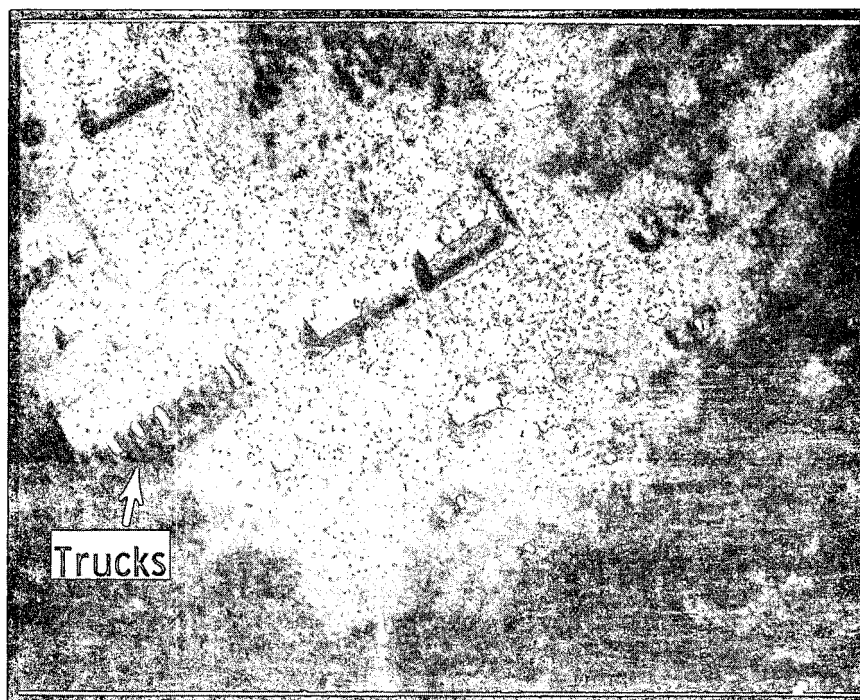
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6 GUN MEDIUM AAA



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Figure 4

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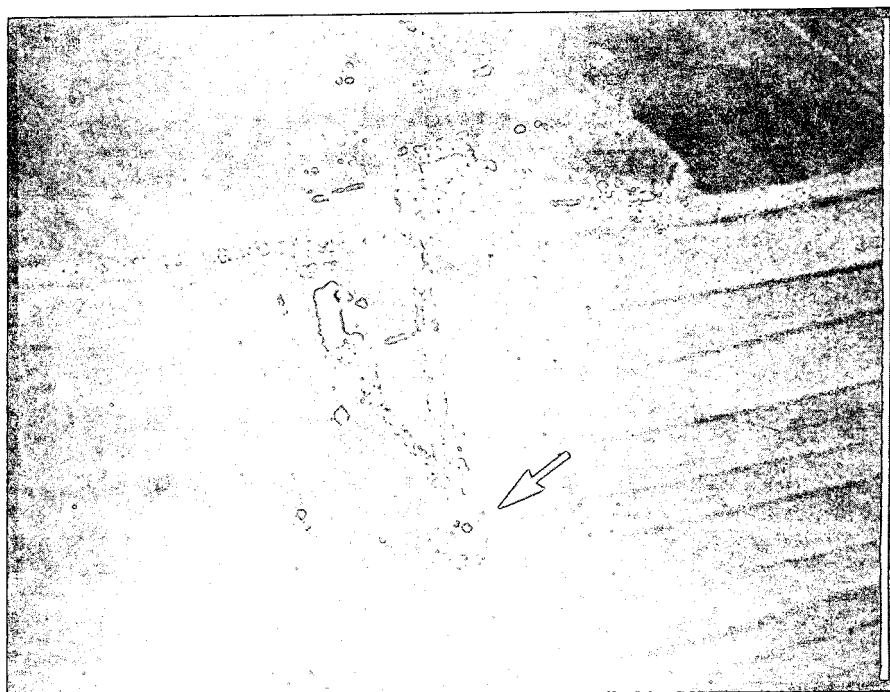
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9 GUN LIGHT AAA



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PROBABLE SEARCHLIGHT



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Figure 5

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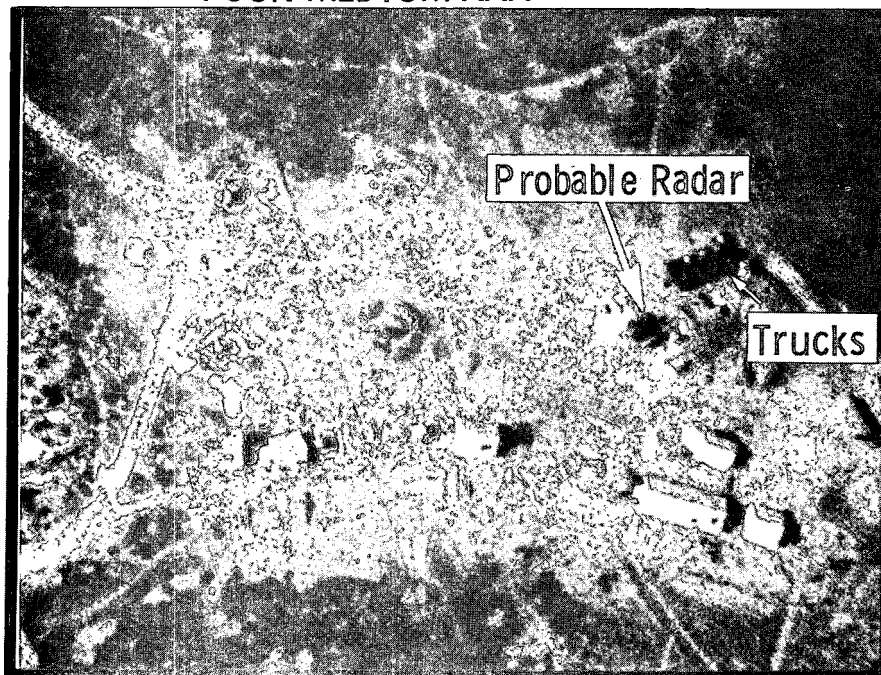
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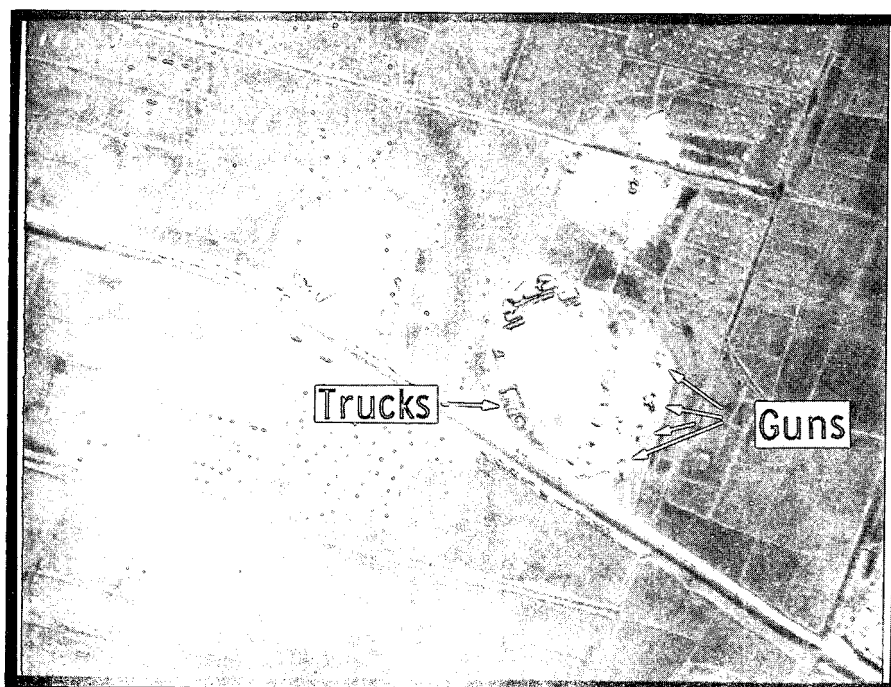
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PROBABLE RADAR CONTROLLED 4 GUN MEDIUM AAA



G

COASTAL DEFENSE SITE



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Figure 6

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HSIAO-KOU MILITARY AREA



Figure 7

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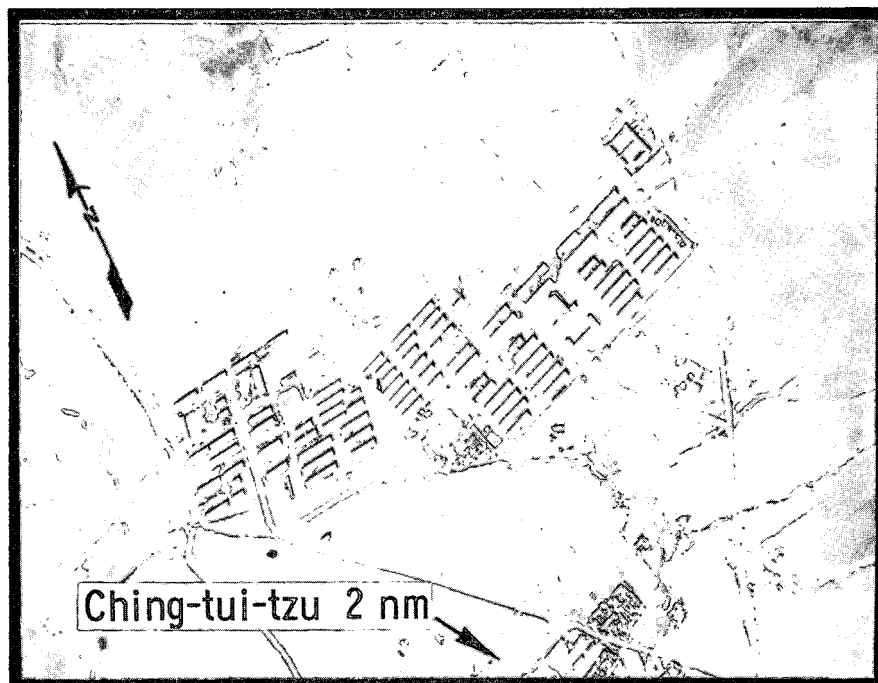
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CHING-TUI-TZU AREA BARRACKS



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AAA UNIT SUPPORT AREA



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Figure 8

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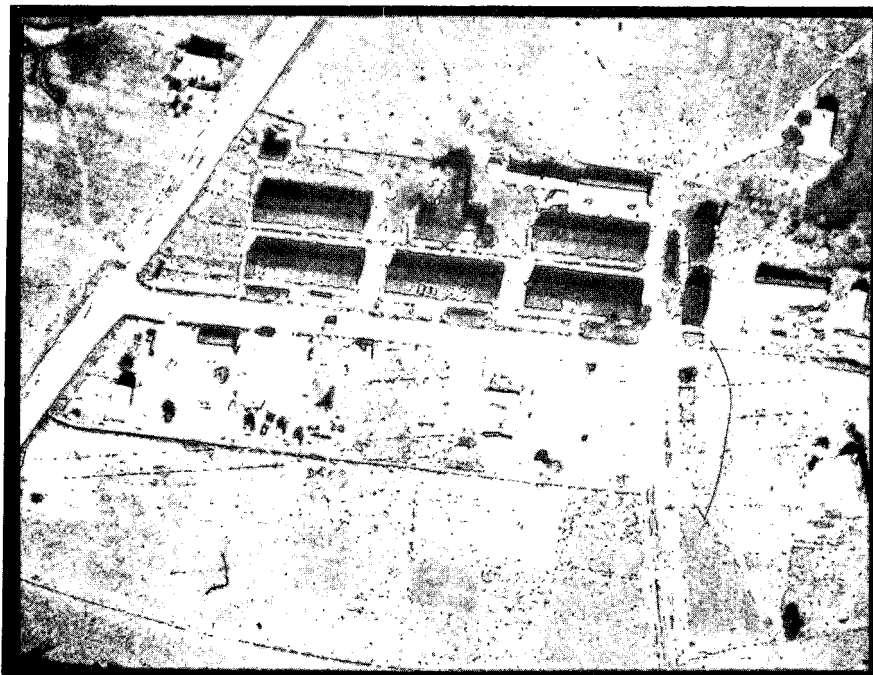
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SHA-TZU-KANG AREA BARRACKS



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Figure 9

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